

Message Text

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PAGE 01 STATE 307474
ORIGIN NASA-02

INFO OCT-01 EUR-12 ISO-00 OES-06 CIAE-00 INR-07 NSAE-00
L-03 /031 R

DRAFTED BY NASA/I/LFHANOLD:MLD
APPROVED BY OES/APT/SEP:WDECLERCQ
NASA/ERD/MTEPPER (IN DRAFT)
NASA/I:BMZOOK
EUR/SOV:SHUMPHREY
OES/APT/SEP:ASHELDON

----- 074112 /62

R 202255Z DEC 76
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW

UNCLAS STATE 307474

E.O. 11652: N/A

TAGS: TSPA, UR

SUBJECT: SPACE AGREEMENT: SPACE METEOROLOGY (ROCKETS)
----- (04.01.00)

1. PLEASE PASS THE FOLLOWING TO DR. L. A. ALEKSANDROV
FROM DR. MORRIS TEPPER, NASA HEADQUARTERS.
2. DECEMBER 16, 1976

DR. L. A. ALEKSANDROV
HYDROMETEOROLOGICAL SERVICE OF THE USSR
12, PAVLIK MOROZOV STREET
MOSCOW, D-376, USSR

DEAR DR. ALEKSANDROV:

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PAGE 02 STATE 307474

I WISH TO EXPRESS ON BEHALF OF THE US DELEGATION TO THE
RECENT ROCKET METEOROLOGY MEETING IN YOUR COUNTRY OUR
APPRECIATION FOR YOUR WARM AND GENEROUS HOSPITALITY.

SINCE RETURNING TO WASHINGTON, WE HAVE CAREFULLY REVIEWED
OUR "SUMMARY OF RESULTS." THERE ARE SOME ADDITIONAL DETAILS

WHICH WE BELIEVE WOULD BE USEFUL.

IN PARAGRAPH 4C, PAGE 3 OF OUR DOCUMENT, WE REFER TO "ANALYSIS CRITERIA," BUT WE DO NOT SPECIFY THESE CRITERIA IN OUR RECORDS. WE PROPOSE THAT THESE CRITERIA BE INCLUDED IN THE SUMMARY OF RESULTS OF OUR MEETING AS ATTACHMENT 3. I AM ENCLOSING THE ENGLISH LANGUAGE VERSION OF THESE CRITERIA FOR YOUR REVIEW AND APPROVAL.

IN PARAGRAPH 5C, PAGE 4 OF OUR DOCUMENT, WE INDICATE THAT "THE SIDES EXPECT TO PREPARE JOINT ARTICLES." WE FEEL THAT THIS PARAGRAPH SHOULD BE MADE MORE SPECIFIC. ACTUALLY, I BELIEVE WE TOGETHER HAD IN MIND FIRST TO CONSIDER THE RESULTS OF ADDITIONAL ANALYSES ON EACH SIDE AND THEN TO DETERMINE WHETHER IT WOULD BE USEFUL, SCIENTIFICALLY, TO PREPARE A SINGLE JOINT ARTICLE. ACCORDINGLY, WE RECOMMEND DELETING THE LAST SENTENCE OF PARAGRAPH 5C AND INSERTING THE FOLLOWING: "THE TWO SIDES SHALL ATTEMPT TO COMPLETE ADDITIONAL INDEPENDENT ANALYSES AND TO EXCHANGE THE RESULTS BY THE MIDDLE OF 1977. THEREAFTER, THE TWO SIDES WILL CONSIDER IN CORRESPONDENCE BETWEEN CO-CHAIRMEN WHETHER A POSSIBLE COMBINATION OF RESULTS WOULD WARRANT THE PREPARATION OF A JOINT ARTICLE. EACH SIDE MAY, IN ANY CASE, PUBLISH ITS OWN RESULTS."

I WOULD APPRECIATE HEARING FROM YOU SOONEST THAT THE ABOVE PROPOSALS ARE ACCEPTABLE.

SINCERELY,

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PAGE 03 STATE 307474

MORRIS TEPPER

CC: INTERCOSMOS

ENCLOSURE

ANALYSIS CRITERIA FOR CONSTANT PRESSURE (US) AND CONSTANT HEIGHT (USSR) CHARTS

1. ISOTHERM ANALYSES SHOULD BE INCLUDED IN ALL CHARTS UP TO 0.4 MB OR 55 KM.
2. EACH WEEKLY CHART SET SHOULD BE CHECKED FOR VERTICAL (HYDROSTATIC) CONSISTENCY.
3. THE GEOSTROPHIC WIND APPROXIMATION SHOULD BE MAINTAINED OVER THE COMPLETE ANALYSIS AREA.

4. CONSISTENT CONTOUR AND ISOBAR INTERVALS SHOULD BE
MAINTAINED FOR ALL CONSTANT PRESSURE AND CONSTANT
PRESSURE AND CONSTANT HEIGHT CHARTS.

5. DATA PLOTTED AND SUBSEQUENTLY FOUND TO BE ERRONEOUS
SHOULD NOT BE USED IN THE ANALYSES AND SHOULD BE
APPROPRIATELY MARKED.

6. BOTH SIDES SHOULD CONTINUE TO DEVELOP AND EXCHANGE
REGRESSION SCHEMES FOR THE USE OF SATELLITE DATA FOR
FIRST GUESS ANALYSES.

7. CHARTS PREPARED BY EACH SIDE FOR EXCHANGE SHOULD BE
OF A SCALE LARGE ENOUGH TO INSURE THAT DATA PLOTS ARE
LEGIBLE.

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Message Attributes

Automatic Decaptoning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: METEOROLOGY, PUBLIC CORRESPONDENCE, SPACE AGREEMENTS
Control Number: n/a
Copy: SINGLE
Draft Date: 20 DEC 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976STATE307474
Document Source: CORE
Document Unique ID: 00
Drafter: MLD
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D760467-0680
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19761227/aaaaaxav.tel
Line Count: 131
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN NASA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: schwenja
Review Comment: n/a
Review Content Flags:
Review Date: 21 JUN 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <21 JUN 2004 by chengls>; APPROVED <31 AUG 2004 by schwenja>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: SPACE AGREEMENT: SPACE METEOROLOGY (ROCKETS) ----- (04.01.00)
TAGS: TSPA, UR, US, (ALEKSANDROV, L A), (TEPPER, MORRIS)
To: MOSCOW
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006